

NOTES:

1. GLAZING OPTION - .090" MINIMUM SSB GLAZING IN MOLDED FRAMES SCREWED TOGETHER WITH A MINIMUM OF (8) #8x1" SCREWS INSTALLED IN TOP SECTION ONLY (WITH OR WITHOUT DECORATIVE INSERTS) MEETS UNIFORM STATIC DESIGN PRESSURES SHOWN ON THIS DRAWING. GLAZING SHALL HAVE A MAXIMUM HEIGHT OF 16.8" AND A MAXIMUM LENGTH OF 11.9" FOR THE VERTICAL RASIED PANEL AND MAXIMUM HEIGHT OF 7.0" AND A MAXIMUM LENGTH OF 25.0" FOR THE HORIZONTAL RASIED PANEL. GLAZING IS NOT IMPACT RESISTANT AND DOES NOT MEET THE REQUIREMENTS FOR WIND-BORNE DEBRIS REGION.

2. VINYL OR WOOD DOOR STOP NAILED A MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.

3. SLIDE LOCKS REQUIRED.

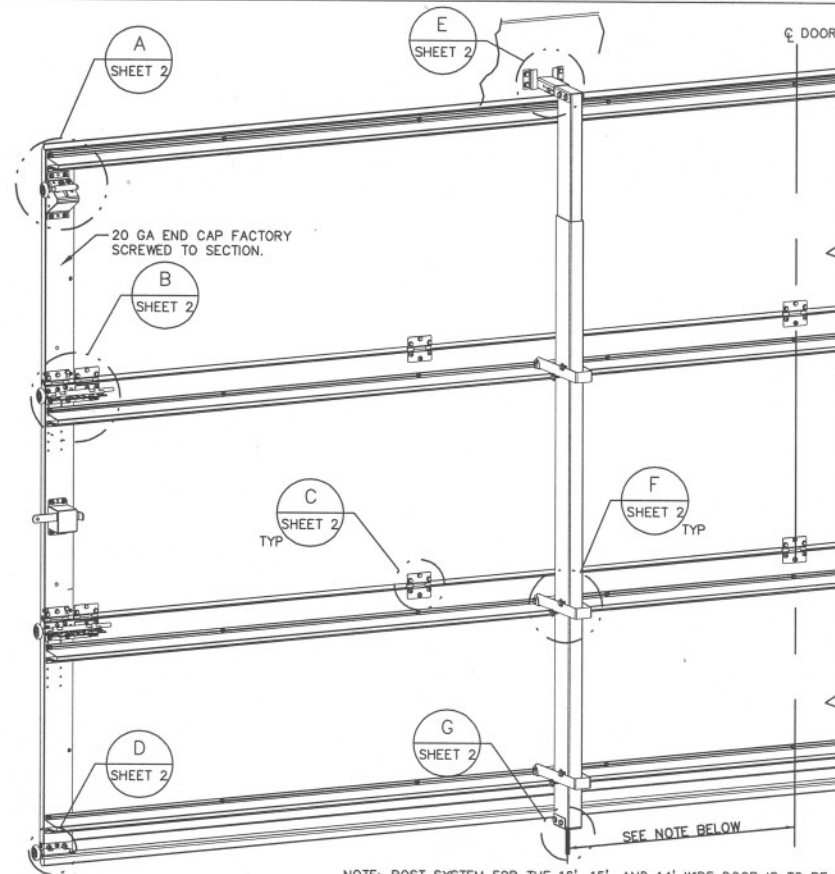
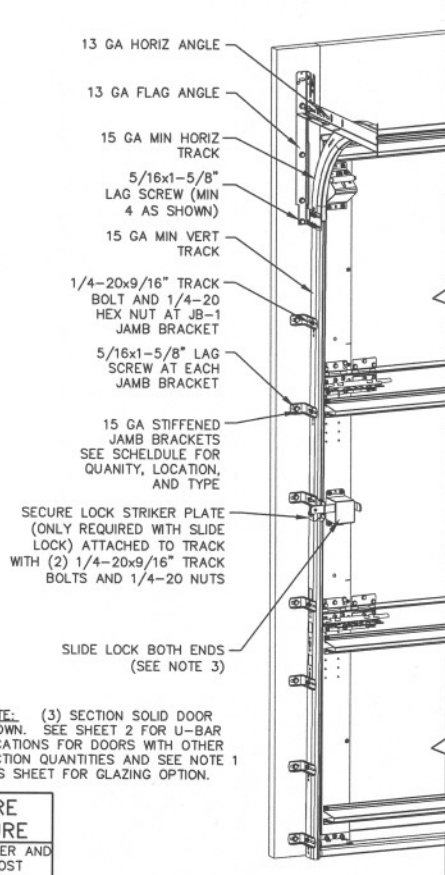
4. SECTION SHALL BE CONSTRUCTED WITH FOAMED IN PLACE POLYURETHANE FOAM INSULATION CHEMICALLY BONDED TO A MINIMUM .070" FIBERGLASS FACER AND 27 GA STEEL BACKER.

5. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

6. DOOR JAMB TO BE MINIMUM 2x6 STRUCTURAL GRADE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.

7. SECTION SHALL HAVE A 5" 25 GA STEEL BACKUP PLATE ACROSS THE TOP OF EACH SECTION.

NOTE: (3) SECTION SOLID DOOR SHOWN. SEE SHEET 2 FOR U-BAR LOCATIONS FOR DOORS WITH OTHER SECTION QUANTITIES AND SEE NOTE 1 THIS SHEET FOR GLAZING OPTION.



NOTE: POST SYSTEM FOR THE 16', 15', AND 14' WIDE DOOR IS TO BE INSTALLED 32"±1" DISTANCE FROM THE CENTERLINE OF THE DOOR. POST SYSTEM FOR THE 12' WIDE DOOR IS TO BE INSTALLED 36"±1" DISTANCE FROM THE CENTERLINE OF THE DOOR. (2) POST SYSTEMS ARE TO BE INSTALLED ON ALL DOOR WIDTHS EXCEPT 10'. A SINGLE POST SYSTEM IS TO BE INSTALLED ON THE CENTERLINE OF THE DOOR FOR 10' DOOR WIDTHS. SEE WINDLOAD POST INSTALLATION INSTRUCTIONS.

REVISIONS

P CORRECTED BACKER PLATE GAGE IN NOTES. GRT 4/10/07
P1 ADDED 12', 14', AND 15' DOOR WIDTHS. UPDATED POST NOTE AND SUPERIMPOSED DESIGN PRESSURE CHART. GRT 9/12/07
P2 CHANGED BACKER STEEL FROM 30 GA TO 27 GA GRT 3/31/08
P3 REMOVED CONCRETE SPECIFICATION FROM NOTES AND ADDED DETAIL H SHEET 2 FOR CONCRETE SPECIFICATION. GRT 4/14/08

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

MAX DOOR WIDTH	MAX DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)	POINT LOAD AT HEADER AND SLAB AT EACH POST LOCATION (LBS)
10'-0"	7'-0"	+172.0/-191.5	+788.3/-877.7
	8'-0"	+172.0/-191.5	+895.8/-997.4
12'-0"	7'-0"	+206.4/-229.8	+674.1/-750.5
	8'-0"	+206.4/-229.8	+766.0/-852.8
14'-0"	7'-0"	+240.8/-268.1	+678.3/-755.3
	8'-0"	+240.8/-268.1	+770.8/-858.3
15'-0"	7'-0"	+258.0/-287.3	+708.4/-788.8
	8'-0"	+258.0/-287.3	+805.1/-896.3
16'-0"	7'-0"	+275.2/-306.4	+740.0/-823.9
	8'-0"	+275.2/-306.4	+840.9/-936.2

JAMB BRACKET SCHEDULE

DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
7'-0"	3	7	2" (JB-1), 10" (JB-1), 21-3/4" (JB-1), 29-3/4" (JB-1), 42" (JB-1), 52-1/2" (JB-1), 63-1/4" (JB-1)
8'-0"	4	8	2" (JB-1), 10" (JB-1), 21-3/4" (JB-1), 29-3/4" (JB-1), 39" (JB-1), 48" (JB-1), 57-1/2" (JB-1), 75-1/2" (JB-1)

NOTE:

(JB-1) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT.

5/19/08
TX PE# 93119

MARK R. BARROW, PE
FLORIDA LICENSE NO. 57389

Wayne Dalton

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PENSACOLA, FLORIDA 32514
(850) 474-9890

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+34.40/-38.30	MAX WIDTH:	16'-0"	DATE		NAME	
TEST (PSF):	+51.60/-57.45	MAX HEIGHT:	8'-0"	DRAWN	9/11/06	GRT	
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX SECTION HEIGHT:	28'	CHECKED	4/11/07	MRB	
MODEL 9800				SHEET 1 OF 2			
WINDLOAD SPECIFICATION OPTION CODE 1222				DRAWING PART NO.		REV.	
				327943		P3	

13 GA ROLLER SLIDE
ATTACHED TO BRACKET
WITH 5/16-18 BOLT & NUT
IN CENTER SLOT AND
1/4-20x9/16" TRACK BOLT
& 1/4-20 HEX NUT
THROUGH ANY TWO
ALIGNING HOLES

2" STEEL ROLLER
WITH 4" STEM

13 GA COMMERCIAL 'A'
FRAME TOP BRACKET
ATTACHED WITH (4)
1/4-14x7/8" SELF
DRILLING CRIMPITE
SCREWS

(2) 15 GA HINGE LEAFS
ATTACHED WITH (3)
1/4-14x5/8" CRIMPITE
SCREWS EACH

14 GA HINGE BASE
FACTORY ATTACHED TO
DOOR WITH (5)
1/4-14x1/2" SELF DRILLING
CRIMPITE SCREWS

2" STEEL ROLLER WITH
9" 1144 GRADE OR
EQUIVALENT STEM

13 GA ROLLER SLIDE FACTORY
RIVETED TO HINGE BASE

13 GA REINFORCING BRACKET
ATTACHED TO HINGE BASE WITH (2)
1/4-20x5/8" CARRIAGE BOLTS &
1/4-20 HEX NUTS AND ATTACHED
TO DOOR WITH (2) 1/4-14x7/8"
SELF DRILLING CRIMPITE SCREWS

15 GA HINGE ATTACHED WITH (3)
FIELD ATTACHED 1/4-14x5/8"
CRIMPITE SCREWS AND (3)
FACTORY ATTACHED 1/4-14x1/2"
SELF DRILLING CRIMPITE SCREWS

12 GA BOTTOM BRACKET FACTORY
ATTACHED WITH (2) 1/4-14x1/2"
SELF DRILLING CRIMPITE SCREWS
AND (1) 1/4-14x5/8" TAMPER
RESISTANT SCREW

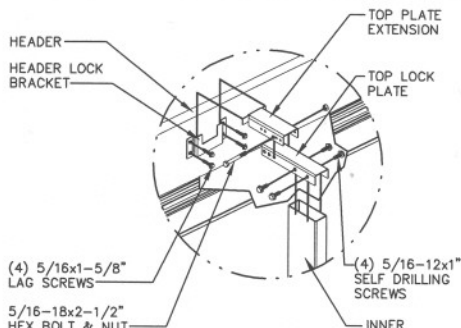
2" STEEL ROLLER
WITH 4" STEM

DETAIL A

DETAIL B

DETAIL C

DETAIL D



DETAIL E

U-BAR
ALIGNMENT
LINES ON
END CAPS

(3) 1/4-14x7/8"
SELF DRILLING
CRIMPITE SCREWS

STRAP
BRACKET

5/16"
HITCH PIN

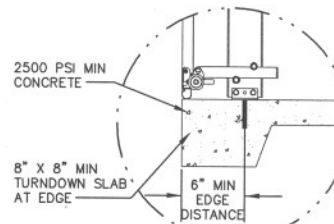
(2) 5/16-12x1"
SELF DRILLING
SCREWS W/ 5/16
FLAT WASHERS

DETAIL F

1/2-13x3-1/2"
HEX BOLT & NUT

(4) 5/16-12x1"
SELF DRILLING
SCREWS

DETAIL G



DETAIL H

U-BAR LOCATIONS

(4) SECTION DOORS WITH
(5) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

(3) SECTION DOORS WITH
(4) 3" 20 GA 80 KSI U-BARS
LOCATED AS SHOWN

ALL U-BARS SHALL BE ATTACHED WITH (1)
FASTENER AT EACH HOLE LOCATION (MINIMUM OF
(18) FASTENERS PER U-BAR FOR 16" WIDE AND (12)
FASTENERS PER U-BAR FOR 10" AND 12" WIDE).
ALL FASTENERS USED TO ATTACH U-BARS SHALL
BE 1/4-14x1/2" SELF DRILLING CRIMPITE SCREWS
EXCEPT AT ENDS WHICH SHALL BE 1/4-14x7/8"
SELF DRILLING CRIMPITE SCREWS.

NOTE: U-BARS SHALL BE INSTALLED LEVEL
ACROSS DOOR. THE U-BAR ON THE TOP OF EACH
SECTION SHALL HAVE THE BOTTOM OF THE U-BAR
ALIGNED WITH THE LINE ON THE TOP PART OF
THE END CAP (EXCEPT THE TOP OF THE TOP
SECTION). THE U-BAR ACROSS THE BOTTOM OF
EACH SECTION SHALL HAVE THE BOTTOM OF THE
U-BAR ALIGNED WITH THE LINE ON THE LOWER
PART OF THE END CAP. SEE DETAIL B THIS
SHEET.

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